| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|---|---|---|---|---|---|---|
| L1 | 0 | (Schellenberger.in. or Lui.in. or Selifonova.in.) and (evolved adj microorganim) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/08 07:04 |
| L2 | 1 | (Schellenberger.in. or Lui.in. or Selifonova.in.) and (10/719571) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/08 07:05 |
| L3 | 1 | (Schellenberger.in. or Liu.in. or Selifonova.in.) and (10/719571) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/08 07:05 |
| L4 | 285 | (Schellenberger.in. or Liu.in. or Selifonova.in.) and evolved | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/08 07:05 |
| L5 | 0 | (Schellenberger.in. or Liu.in. or Selifonova.in.) and evolved same microorganims | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/08 07:05 |
| L6 | 0 | (Schellenberger.in. or Liu.in. or Selifonova.in.) and evolved same microorganim | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/08 07:06 |
| L7 | 7035 | mutU or mutD or mutT or mutY or MutM or mutH or mutL or mutS | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/08 07:05 |
| L8 | 46596 | (Schellenberger.in. or Liu.in. or Selifonova.in.) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/08 07:06 |
| L9 | 113 | l8 and l7 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/08 07:06 |

| L10 | 23 | I8 and I7 and evolved | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/08 07:06 |
|---|---|---|---|---|---|---|
| L11 | 23 | I8 and I7 and evolved and coli | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/08 07:12 |
| L12 | 37 | I7 same (evolve or evolved) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/08 07:32 |
| L13 | 4 | I12 and I8 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/08 07:13 |
| L14 | 4 | I13 and (produce or production) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/08 07:13 |
| L15 | 4 | I13 and (isolate or isolation) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/08 07:20 |
| L16 | 1 | 10/719571 and derivatives | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/08 07:21 |
| L17 | 4 | I13 and derivatives | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/08 07:24 |
| L18 | 128 | mutator adj gene | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/08 07:26 |
| L19 | 0 | mutator adj gene and microroganism | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/08 07:35 |

| L20 | 45 | mutator adj gene and microorganism | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/08 07:27 |
|---|---|---|---|---|---|---|
| L21 | 103 | mutator adj gene and coli | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/08 07:27 |
| L22 | 3 | mutator adj gene and blatte | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/08 07:27 |
| L23 | 104 | l20 or l21 or l22 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/08 07:27 |
| L24 | 11 | mutation adj10 l18 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/08 07:27 |
| L25 | 8 | l24 and l23 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/08 07:28 |
| L26 | 87660 | l7 ajd10 mutation | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/08 07:32 |
| L27 | 276 | l7 adj10 mutation | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/08 07:33 |
| L28 | 100 | l27 same (coli or blatte or microorganim) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/08 07:35 |
| L29 | 96 | l28 not l25 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/08 07:33 |

| L30 | 45 | I27 same (vector or transform or transformation or heterologous) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/08 07:35 |
|------|-----|-----|-----|-----|-----|-----|
| L31 | 3 | I27 adj20 (vector or transform or transformation or heterologous) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/08 07:35 |
| L32 | 0 | I27 same (heterologous) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/08 07:35 |
| L33 | 5 | mutator adj gene same heterologous | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/08 07:36 |

(FILE 'HOME' ENTERED AT 07:41:47 ON 08 MAR 2005)

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        FILE 'MEDLINE, CAPLUS, SCISEARCH' ENTERED AT 07:42:10 ON 08 MAR 2005
L1      417044 S SHELLENBERGER?/AU OR LIU?/AU OR SELIFONOVA?/AU
L2        4472 S MUTD OR MUTT OR MUTS OR MUTY OR MUTUMUTM OR MUTH OR MUTL
L3        4873 S MUTD OR MUTT OR MUTS OR MUTY OR MUTU OR MUTM OR MUTH OR MUTL
L4        1077 S L3 (20A) MUTATION
L5          18 S L4 AND L1
L6           8 DUP REM L5 (10 DUPLICATES REMOVED)
L7           5 S L3 (20A) HETEROLOGOUS
L8           5 DUP REM L7 (0 DUPLICATES REMOVED)
L9          40 S L3 (20A) VECTOR
L10        169 S L3 (20A) PLASMID
L11        201 S L9 OR L10
L12        103 DUP REM L11 (98 DUPLICATES REMOVED)
L13         44 S L12 AND L4
L14         27 S L13 AND PY<=1999
L15          3 S L14 AND (EVOLVE OR EVOLVED OR EVOLUTION)
L16          0 S L14 AND PROTEIN (A) (PRODUCTION OR PRODUCE OR PRODUCED)
L17          0 S L1 AND L14
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